Ministry of Education and Technical Education
Undersecretary for Curriculum Development
Science Development Department

Pilot test (1) for grade 4 primary,
First Term, 2022/2023

SCIENCE **Time:**

Answer the following questions.

First Question:

A - Choose the correct answer from each of the following:

1-When a panther chameleon stands on leaves of trees, the color of its scales changes into…...
a-white b- green c- blue d- black
2- All the following living organisms have Tapetum Lucidum, except………..
a- snakes b- fishing cats c- dogs d- horses
3- When an object is in motion, this means that its changes …………
a-color b- shape c- size d- position
4- The speed of a car that travels 200 meter in 2 second is……m/s
a- 20 b- 40 c- 100 d- 200

B- What happens if an animal tries to eat the acacia leaves?

The Second Question:

A-Put (✓) or (×).

1- The ears of arctic fox are longer than those of fennec fox. ( )
2- Nocturnal animals have eyes larger than human. ( )
3- Energy is the ability to do work. ( )
4- Any moving object has a form of energy known as kinetic energy. ( )

B- Writ the scientific term of:

The object which allows light to path through it

The Third Question:

A-Complete the following statements:

1- The dolphin has sharp sense of………..
2- Fireflies communicate with each other by producing a………...
3- The form energy that can be seen is………..energy.
4- Airbags absorbs the……..of the car during collision..

B-Cross out the odd word:

Penguin - Polar bear - Snake - Arctic fox

(انتهت الأسئلة)

Ministry of Education and Technical Education
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Pilot test (2) for grade 4 primary ,
First Term , 2022/2023

Science **Time:**

Answer the following questions.

First Question:

A - Choose the correct answer from each of the following:

1-The fur of fennec fox protect it from………

a- wind b- rains c-hot weather d-cold weather

2- which of the following can turn its head in all directions?

a- lizards b- owls c- cats d- snakes

3- Reading and writing are common types of communication between …….

a- human b-animals c- birds d- plants

4- When you move something towards you, this represents…...

a- pushing force b-light energy c-pulling force d-sound energy.

B- Give reasons for

-Owls can hunt during the night

The Second Question:

A-Put (✓) or (×).

1- All type of sharks live in fresh water. ( )
2- The sense of hearing of dolphin is stronger than that of human. ( )
3 - Air resists the motion of a car. ( )
4- Seatbelt is one of safety equipment in cars. ( )

B What happens if a firefly wants to attract a mate to reproduce?

The Third Question:

A-Complete the following statements:

1- Panther chameleon puffs up its body with air for defense which is considered ……….. adaptation
2- Fish breath ………gas which dissolved in water.
3- If the mass of an object decreases this mean that its kinetic energy ………..
4- When objects collide with each other, ……..is transferred between them.

B-Cross out the odd word:

Sound energy - light energy - thermal energy - chemical energy .

(انتهت الأسئلة)

Ministry of Education and Technical Education
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Science Development Department

Model answer for Pilot test (1) for grade 4 primary,
First Term, 2022/2023

SCIENCE **Time:**

Answer the following questions. (15 degree)

First Question: (5 degree)

A - Choose the correct answer from each of the following: (4×1= 4 degree)
1-b- **green**
2- a- **snakes**
3- d- **position**
4- c- **100**

B- if an animal tries to eat the acacia leaves it Produces a poison to make the leaves taste bad. (1 degree)

The Second Question: (5 degree)

A-Put (✓) or (×). (4×1= 4 degree)
1- (×)
2- (✓)
3- (✓)
4- (✓)

B- Writ the scientific term of: Transparent object (1 degree)

The Third Question: (5 degree)

A-Complete the following statements: (4×1= 4 degree)
1- **hearing**
2 **a flash light**
3- **light**
4- **energy**

B-Cross out the odd word: Snake (1 degree)

(انتهت الأسئلة)

Ministry of Education and Technical Education
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Model answer for Pilot test (2) for grade 4 primary ,
First Term , 2022/2023

Science **Time:**

Answer the following questions. . (15 degree)

First Question:(5 degree)

A - Choose the correct answer from each of the following: (4× 1= 4 degree)

1- c-**hot weather**
2- b**- owls**
3- a- **human**
4- c-**pulling force**

B- Give reasons for (1 degree)

-Owls can hunt during the night Because owls have extraordinary senses of hearing and sight.

The Second Question: (5 degree)

A-Put (✓) or (×). (4× 1= 4 degree)

1- (×)
2- (✓)
3 - (✓)
4- (✓)

B if a firefly wants to attract a mate to reproduce it produces flash lights (1 degree)

The Third Question: (5 degree)

A-Complete the following statements: (4× 1= 4 degree)

1- **behavioral**
2- **oxygen**
3- **decreases**
4- **the energy**

B-Cross out the odd word: (1 degree)

chemical energy

(انتهت الأسئلة)